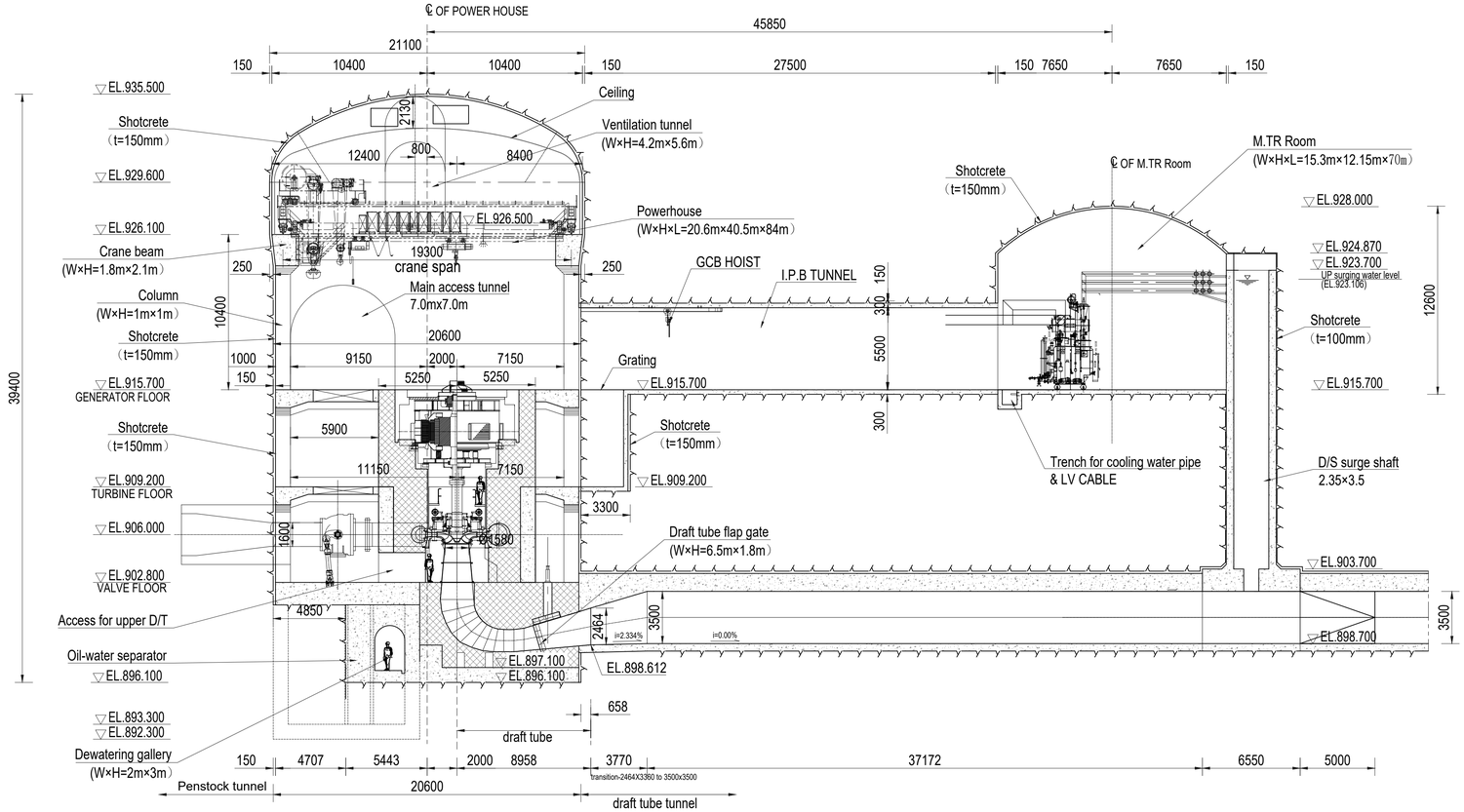
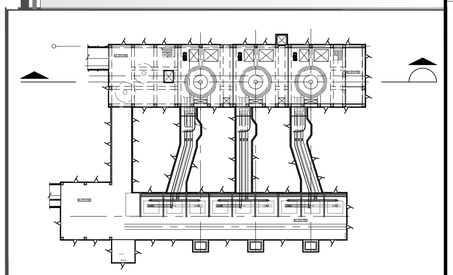
TYPICAL TRANSVERSE SECTION OF POWERHOUSE

SCALE:1:200



KEY PLAN



NOTE

1. All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.
2. The generator, turbine, overhead crane and other equipment shown on the drawings are tentative/scketched only, which shall be redesigned and prepared by E&M party.
3. The out-going bus of generator, and corresponding I.P.B tunnel are shown/aligned along -Y direction, which is subjected to E&M party's design. the said arrangement will have impact on layout and size/length of transformer cavern.
4. The outline of tailrace pipe tunnel is modified according to Preliminary Model Test Report Upper Trishuli 1, No. AHAL-2022-0003 February 28, 2022.
5. The three sheets drawings are provided for cooperation between civil and E&M parties to make the arrangement of powerhouse clear.

Scale:

1:200 0 2 4 6 8 10m

Legend:

1ST stage concrete

2ND stage concrete

REFERENCE DRAWINGS

SYMBOL AND LEGEND

FOR REFERENCE

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0A	15.MAY.,2022	FIRST ISSUE	ZHANG J.Q.	LIU BO	LI W.G. WANG H.H.

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC NEPAL WATER AND ENERGY DEVELOPMENT CO. PVT.LTD.

OWNER'S ENGINEER

TRACTEBEL ENGIE jade CONSULT

CONTRACTOR

DOOSAN Enerbility

DRAWING TITLE

Arrangement Drawing of
Underground Powerhouse and Transformer Cavern

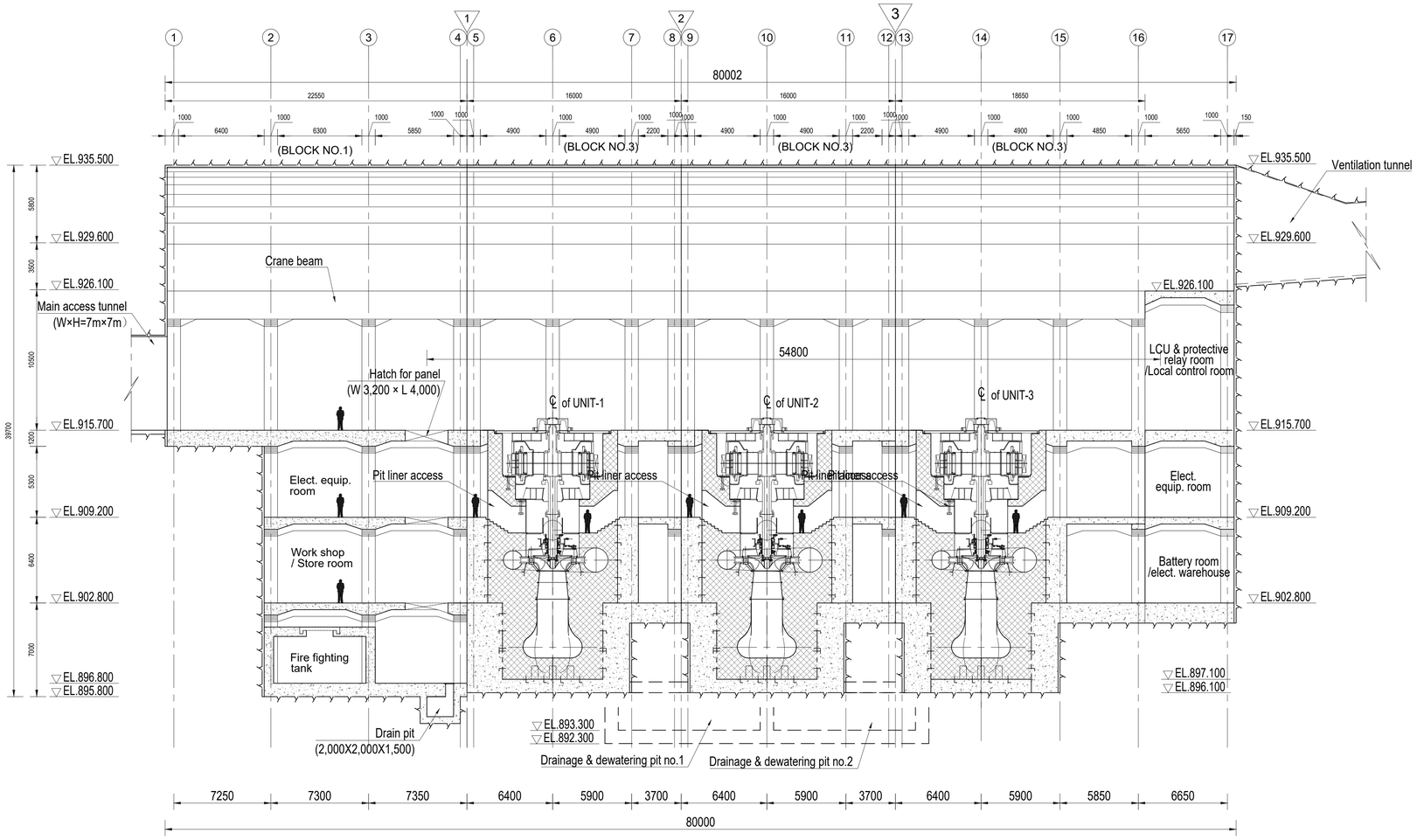
INDEX	DRAWING NUMBER	SHEET NO.	REV. NO.
A	UT1-C-300-CVL-DG-60001-01	1 OF 3	A

Draft for General Arrangement of P.H.

A1 (594 x 841 MM)

LONGITUDINAL PROFILE OF POWERHOUSE

SCALE:1:200



1. All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.

Scale:

1:200 0 2 4 6 8 10m

Legend:

- 1ST stage concrete
- 2ND stage concrete
- (1) Code number of longitudinal direction
- 1 contraction joint(between block and block)

REFERENCE DRAWINGS

SYMBOL AND LEGEND

FOR REFERENCE

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PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

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OWNER'S ENGINEER

TRACTEBEL ENGIE jade CONSULT

CONTRACTOR

DOOSAN Enerbility

DRAWING TITLE

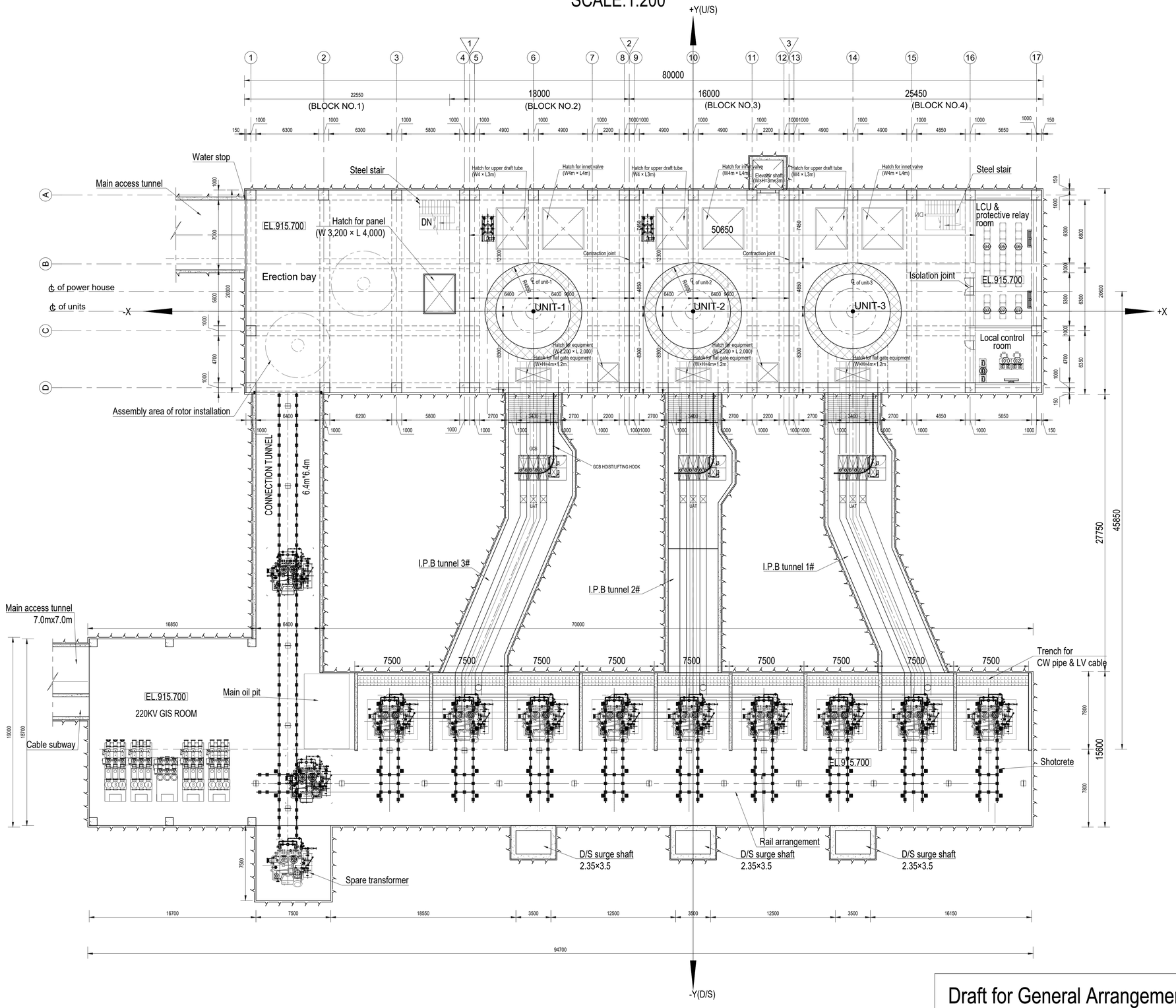
Arrangement Drawing of
Underground Powerhouse and Transformer Cavern

INDEX	DRAWING NUMBER	SHEET NO.	REV. NO.
A	UT1-C-300-CVL-DG-60001-02	2 OF 3	A

Draft for General Arrangement of P.H.

A1 (594 x 841 MM)

FLOOR PLAN OF GENERATOR FLOOR AT EL.915.70m
SCALE:1:200



Draft for General Arrangement of P.H.

1. All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.

Scale:
1:200 0 2 4 6 8 10m

Legend:
- 1ST stage concrete
- 2ND stage concrete
- (1) Code number of longitudinal direction
- (1) contraction joint(between block and block)

REFERENCE DRAWINGS

SYMBOL AND LEGEND

FOR REFERENCE

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PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

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OWNER'S ENGINEER
TRACTEBEL ENGIE
jade CONSULT

CONTRACTOR
DOOSAN Enerbility

DRAWING TITLE
Arrangement Drawing of
Underground Powerhouse and Transformer Cavern

INDEX	DRAWING NUMBER	SHEET NO.	REV. NO.
A	UT1-C-300-CVL-DG-60001- 03	3 OF 3	A

A1 (594 x 841 MM)